

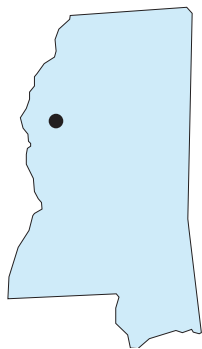
Watershed Operations

December 2009

Piney Creek Watershed, Mississippi

Introduction

This watershed project will install rock riprap in a segment of a stream that is severely eroding, construct stream stabilization measures to pipe storm runoff into the natural drainage. The project will improve water quality and reduce downstream sediment.



Piney Creek Watershed

Piney Creek Watershed is located in Yazoo County, Mississippi.

Funded through the American Recovery and Reinvestment Act (ARRA) of 2009, this project is part of the Obama Administration's plans to modernize the nation's infrastructure, jump-start the economy, and create jobs. NRCS is using Recovery Act dollars to update aging flood control structures, protect and maintain water supplies, improve water quality, reduce soil erosion, enhance fish and wildlife habitat, and restore wetlands. NRCS acquires easements and restores floodplains to safeguard lives and property in areas along streams and rivers that have experienced flooding.

Project Description

- **Location:** Yazoo County, 2nd Congressional District
- **Federal Funding:** \$875,000

This project consists of installation of a rock riprap grade control structure and installation of corrugated metal pipe structures. It will reduce streambank erosion and improve water quality by reducing sediment.

Partners

- USDA, Natural Resources Conservation Service
- Piney Creek Drainage District

Benefits

This project will greatly improve public health and safety by substantially reducing the potential for flood damage, reducing the threat of loss of life and injury and reducing disruption to community services such as road crossings and utilities after a flood. The project will also reduce loss of agricultural lands and downstream sediment accumulations due to severe erosion.



Severe soil erosion adversely affects water quality downstream.

Piney Creek Watershed, Mississippi

Economic Opportunities

This project will provide an estimated annual flood damage reduction benefit of \$560,000 and net economic benefit of \$56,000.

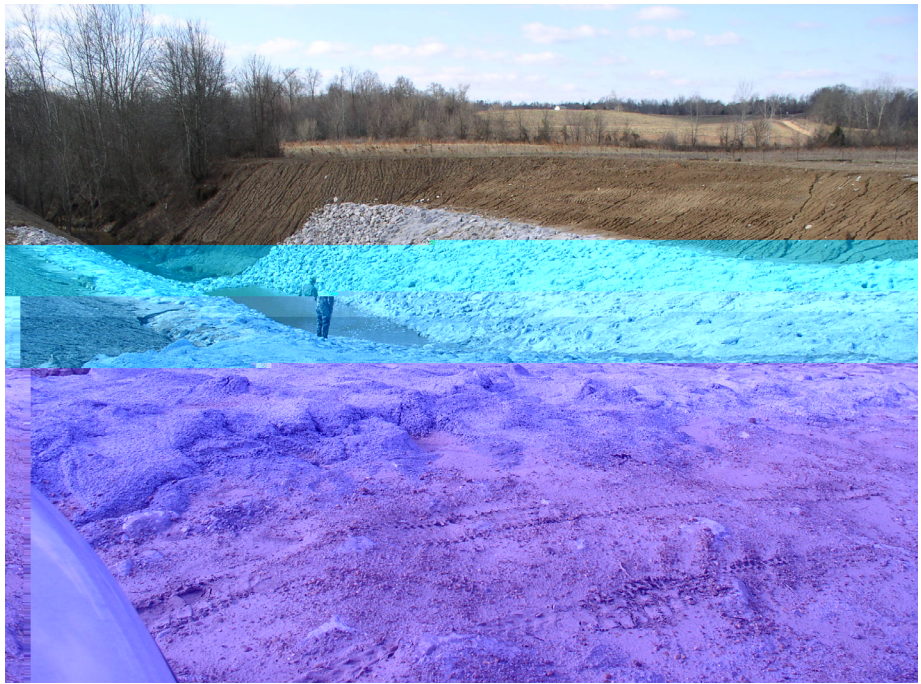
The total population of the project area is approximately 100 with the outlying areas of Yazoo City located downstream.

Statewide Perspective

The completion of these conservation measures will protect agricultural lands and urban lands, reduce erosion of the channel bed and banks, and reduce sediment in the watershed. It will improve stream health and substantially reduce the threat of flood damage, thereby increasing public safety.

For More Information

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Rock riprap like this will be used to stabilize the streambank and improve water quality in Piney Creek.

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